Peak District National Park

Forecast valid from 00:00 on Tuesday 03 May 2022 until 23:59 on Wednesday 04 May 2022

Forecast Issued on Monday 02 May 2022 at 15:39

Confidence: High confidence for a period of unsettled weather with showers or longer spells of rain, but some uncertainty regarding timing of rain on Friday. Moderate confidence in transition to drier settled conditions at the weekend.

Headline for Tuesday 03 May 2022: Largely cloudy with patchy rain and drizzle clearing to showers.

Mountain weather hazards on Tuesday 03 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG				
Fog	Fog	Fog	Fog	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
30%	40%	30%	20%	10%	30%	40%	10%

Forecast for Tuesday 03 May 2022

Weather: Cloudy overnight and through Tuesday morning, with patchy light rain and drizzle. Some brighter spells developing in the afternoon but also a few showers. Showers easing in the evening, but remaining rather cloudy.

Chance of cloud-free hill tops above 600m: 10-20%, increasing through the morning to be around 80% from the early afternoon.

Low cloud and visibility: Extensive low cloud at first with bases around 400-600m. This gradually lifting and breaking through the morning, so that the cloud is generally above the summits by the early afternoon. However, occasionally lowering to around 500m, most likely in association with showers. Visibility generally good below this, but reducing to a few km in rain or showers and becoming very poor in drizzle.

Forecast for Tuesday 03 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 E	10/13 E	9/12 E	8/11 SE	8/11 SE	6/10 S	7/10 S	9/13 S	9/14 S
300	8/16 E	7/13 NE	6/10 E	5/8 SE	6/10 SE	6/9 S	4/8 S	7/12 S	7/12 S
Valley	10/19 E	8/16 E	8/14 E	5/8 SE	5/9 S	4/8 S	3/7 SW	3/9 S	3/10 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	5/1	5/2	6/3	7/4	8/6	8/6	8/6	7/5
300	8/6	7/5	7/5	8/7	9/8	11/10	11/10	10/8	9/8
Valley	9/6	8/6	8/6	9/8	10/10	12/11	12/11	10/10	10/9
Freezing Level*	2000m	1900m	1800m	1700m	1700m	1800m	1800m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 02 May 2022	0mm	3.4mm	3.4mm

Forecast for Wednesday 04 May 2022

Weather: A cloudy start with some outbreaks of rain drizzle. These clearing eastwards by late morning to allow sunny spells develop. However, scattered showers are also expected, turning heavy at times. Showers easing during the early evening to leave a dry and largely clear night.

Maximum wind: Westerly 10-15mph gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 20-30% increasing to around 90% from late morning.

Low cloud and visibility: Extensive low cloud, with bases around 400-600m clearing by late morning. Scattered cloud generally above the summits thereafter, but patches 500-600m, most likely with showers. Otherwise, visibility generally good or very good but lowering to a few km in showers or rain and very poor in drizzle or heavy showers.

Temperature: **Valleys:** 8 deg C rising to 17 deg C by the early afternoon.
At 600m: 8 deg C rising to 12 deg C by the early afternoon.
Freezing level: Well above summits.